

20000526.qrp v01_n833.qrl.20000526

Date: Fri, 26 May 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1833

QRP-L Digest 1833

Topics covered in this issue include:

- 1) [71065] Century 21 Vernier (and how-to)
by "Maddog 'n' Miracles" <maddog@io.com>
- 2) [71066] Dayton and QSLMaker
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [71067] Re: SGC2020
by Wb8siw@aol.com
- 4) [71068] Dixie Pixie does it again
by neil tanner <ntan@crosslink.net>
- 5) [71069] strange request
by Marty <N5NW@midsouth.rr.com>
- 6) [71070] Antenna question multi-band dipole
by Marty <N5NW@midsouth.rr.com>
- 7) [71071] Items for sale (again)
by "Tim Cook" <timcook@erinet.com>
- 8) [71072] Re: Antennas: W6JJZ's Simple Antenna with LOW LOW Loss, or WhatI
learned today.
by Richard Arland <k7sz@epix.net>
- 9) [71073] parts info needed
by K4NK@aol.com
- 10) [71074] CQCQCQ de N8PVZ:
by "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
- 11) [71075] Re: Trap Dipole Suggestions
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 12) [71076] Re: OT- book-OPAMP stability
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 13) [71077] Re: Antenna question multi-band dipole
by Ray Colbert <af852@rgfn.epcc.edu>
- 14) [71078] Re: HW8 as first station?
by Curt Milton <wb8yyy@yahoo.com>
- 15) [71079] Dayton Report--it's the people...
by PDouglas12@aol.com
- 16) [71080] Re: Portable power supply for DSW?
by Phil Wheeler <w7ox@earthlink.net>
- 17) [71081] Re: SGC2020
by Phil Wheeler <w7ox@earthlink.net>
- 18) [71082] BLT L1 Winding Question
by "Mark Adams" <k2qo@hotmail.com>

- 19) [71083] MOJO?
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 20) [71084] K8FF Paddles are SOLD
by "Tim Cook" <timcook@erinet.com>
- 21) [71085] Re: MOJO?
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 22) [71086] Re: MOJO?
by GElam30092@aol.com
- 23) [71087] QRP'rs in SE OK
by Thomas Kuehl <ac7a@gci-net.com>
- 24) [71088] Poqet Plus available for trade
by Jeff <fantbb@yahoo.com>
- 25) [71089] Anyone ON?
by "J. Ervin Bates" <w8erv@email.msn.com>
- 26) [71090] Re: CQ WW WPX rules
by David M Kopacki <kf2ew@juno.com>
- 27) [71091] QRP-L CD 3 in Europe
by bejones@hursley.ibm.com
- 28) [71092] FS: QRP rigs
by "Alan Fryer" <n3bj@hotmail.com>
- 29) [71093] Useful kit building tool. Check out EMOSCOP.COM
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 30) [71094] RE: Trap Dipole Suggestions
by Karl Kanalz <KKanalz@excel.com>
- 31) [71095] 6 Mtr QRP Fun 5/25
by "Chuck Carpenter" <w5usj@globeco.net>
- 32) [71096] Re: HW8 as first station?
by Wa3ptg@aol.com
- 33) [71097] Re: MOJO?
by Joe Reed <joe@n9jr.dyndns.org>
- 34) [71098] Re: BLT L1 Winding Question
by Shepherd@aol.com
- 35) [71099] Cry of Help for the Mobile Antenna
by Stanley A Mcintosh <mcintos@basf-corp.com>
- 36) [71100] RE: Support for DK9SQ Mast
by Chuck Ludinsky <cjl@mitre.org>
- 37) [71101] RE: Portable power supply for DSW
by Chuck Ludinsky <cjl@mitre.org>
- 38) [71102] Re: Useful kit building tool. Check out EMOSCOP.COM
by "Mike Yetsko" <myetsko@insydesw.com>
- 39) [71103] Re: strange request
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [71104] [OT] Ultimate Ham Radio costs \$14,500
by Ken Hopper <khopper@uchicago.edu>
- 41) [71105] Re: CQ WW WPX rules
by Roger Hightower <n7kt@worldnet.att.net>
- 42) [71106] Re: [OT] Ultimate Ham Radio costs \$14,500
by "Richard E. Robinson" <rerobins@email.uncc.edu>

- 43) [71107] Re: [OT] Ultimate Ham Radio costs \$14,500
by "Paul R. Valko" <prvalko@oakland.edu>
- 44) [71108] Re: Trap Dipole Suggestions
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 45) [71109] Wanted to buy: Vibroplex
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 46) [71110] Re: Trap Dipole Suggestions
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 47) [71111] SGC 2020 REVIEW- CHECK IT OUT
by "Larry Acklin" <larrya@compu-fixinc.com>
- 48) [71112] Re: MOJO?
by Ray Colbert <af852@rgfn.epcc.edu>
- 49) [71113] Re: Wanted to buy: Vibroplex
by Ray Colbert <af852@rgfn.epcc.edu>
- 50) [71114] Re: Portable power supply for DSW?
by "JC Smith" <jc-smith@worldnet.att.net>
- 51) [71115] Re: Cry of Help for the Mobile Antenna
by "Chuck Carpenter" <w5usj@globeco.net>
- 52) [71116] Re: Wanted to buy: Vibroplex
by Barry J Minsky <w2bj@juno.com>
- 53) [71117] Re: Portable power supply for DSW?
by Rremmel@aol.com
- 54) [71118] Re: Wanted to buy: Vibroplex
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 55) [71119] FS: HW-9
by "Lynn Simons" <lynnsimons@mindspring.com>
- 56) [71120] BLT Tuner: Winding the Big Toroid
by "Doug Hendricks" <ki6ds@hotmail.com>
- 57) [71121] Re: Cry of Help for the Mobile Antenna
by "Dan W. Dooley" <dandooley@pipeline.com>
- 58) [71122] Re: OT- book-OPAMP stability
by David Shalita <af389@lafn.org>
- 59) [71123] SMK-1 Capacitor Switch
by NB6M@aol.com
- 60) [71124] HB:TOROID WINDER
by "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
- 61) [71125] Looking for powersupply module from Motorola Intensified TV camera
by Paul Erickson <pauale@sfu.ca>
- 62) [71126] RE: Wanted to buy: Vibroplex
by "AI2Q Alex" <ai2q@ispchannel.com>
- 63) [71127] Re: BLT Tuner: Winding the Big Toroid
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 64) [71128] Iambic key F.S.
by "Dick Witzke" <ke8kl@tucker-usa.com>
- 65) [71129] KF4AR SMiTe Fox Sunday night
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 66) [71130] Re: Portable power supply for DSW?
by "JC Smith" <jc-smith@worldnet.att.net>

- 67) [71131] QRP-L CD-ROM version 3 now available
by Mike Gipe <mgipe@reliablemeters.com>
- 68) [71132] Re: [OT] Ultimate Ham Radio costs \$14,500
by "Christopher Cox" <cobox@urec.net>
- 69) [71133] Re: Century 21 Vernier (and how-to)
by zmola@campbellsci.com
- 70) [71134] List administrator
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 71) [71135] KF4AR SMiTe Fox Sunday night
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 72) [71136] Re: HB:TOROID WINDER
by "John Moriarity" <k6qq@hdo.net>
- 73) [71137] BLT Tuner Orders
by "Doug Hendricks" <ki6ds@hotmail.com>
- 74) [71138] Cry of Help for the Mobile Antenna, an Update
by Stanley A McIntosh <mcintos@basf-corp.com>
- 75) [71139] Re: MOJO?
by K2UD@aol.com
- 76) [71140] Re: MOJO?
by "Chris / W4YYZ" <w4yyz@tampabay.rr.com>
- 77) [71141] Wanted: Copy/photostat of the Fall 1999 QRPP
by Brien Pepperdine <pepperb@gov.on.ca>
- 78) [71142] Portable power supply for (x)
by S LYON <sslyon@worldnet.att.net>
- 79) [71143] CORRECTION OF "MOJO"
by hamjoel@juno.com
- 80) [71144] GREAT DEAL ON SMALL LEAD-ACID CELL
by S LYON <sslyon@worldnet.att.net>
- 81) [71145] Re: QRP-L CD-ROM version 3 now available
by David Hinerman <dlh1009@ritvax.isc.rit.edu>

Date: Thu, 25 May 2000 18:40:31 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-l@Lehigh.EDU, AGRP@egroups.com
Subject: [71065] Century 21 Vernier (and how-to)
Message-ID: <3.0.6.32.20000525184031.0098f1f0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I wonder how many TenTec Century 21's are relegated to the storage locker simply because the vernier slips? I've resurrected mine after a couple of years of putting up with it, by getting the manufacturer's re-build kit. They want \$20 for the kit, and \$100 to put it in. I decided to do-it-myself, and created a web page to 'splain the process. If you're a C21 owner, check it out:

<http://www.io.com/~maddog/hamradio/>

By the way, the C21 is easily made a QRP rig using the front-panel drive control.

72,
monty N5FC

Monty Northrup * "There is no way to peace; peace IS the way"
N5FC * e-mail: maddog@io.com * web: <http://www.io.com/~maddog/>

Date: Thu, 25 May 2000 19:42:18 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71066] Dayton and QSLMaker
Message-ID: <00b601bfc6a2\$df1bb5c0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe a little OT but I thought folks would be interested.

People must be paying attention to the ARCI web site. Jim suggested folks use QSLMaker to make some cards to pass around at FDIM and the week before my website took over 2000 more hits than average. And the new version of QSLMaker (the one on the CD) still isn't out there. There seems to be a flywheel sort of effect. Traffic fell off after FDIM but not back to pre-FDIM levels.

The ARCI card backgrounds haven't been so popular, tho. Backgrounds #4 and #13 (the lightning and the floating MFJ Cub station) were the most popular, 7 and 8 (the brown agate and green marble) the least. I expect people would rather make their own personalized cards, but it is a quick way to get a card with the ARCI logo.

I continue to be amazed at the amount of traffic at the site.

Pretty soon I'll get 2.3 out there ... just so many things going on. Meanwhile, it is on the QRP-L CD.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Thu, 25 May 2000 19:50:32 EDT
From: Wb8siw@aol.com
To: RANDALLR@healthall.com, qrp-1@lehigh.edu
Subject: [71067] Re: SGC2020
Message-ID: <4a.5e320f9.265f1648@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 05/25/2000 10:09:16 AM Eastern Daylight Time,
RANDALLR@Healthall.com writes:

<< Do you recommend getting the unit outfitted with the optional power pack.
I understand it must be ordered with the radio and cannot be added later. >>

Hi Randy:

Mine has traveled about the Country quite a bit already with no problems. It
seems very rugged and performs well in the "real world."

You may want to check the SGC web site. I seem to recall the battery pack
option could be retrofitted. Personally, I didn't buy it because it costs
nearly as much as the radio!

73, Jim WB8SIW

Date: Thu, 25 May 2000 19:51:50 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp-1@Lehigh.EDU
Subject: [71068] Dixie Pixie does it again
Message-ID: <392DBC95.38E6A032@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings-

Am pleased to announce that, this evening I worked K1QM and W1PID using
my Dixie Pixie at 250mW. The offset seems to be a bit off still, the
copied pitch is a little low to my ears...will work on this more...still
getting lots of SW broadcast stations bleeding thru....gotta work on
this....Thanks Joel and Jim for the qso....72 Neil WA4CHQrpp

Date: Thu, 25 May 2000 19:25:37 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@Lehigh.EDU
Subject: [71069] strange request
Message-ID: <c1hrissshiu283o0ivoktfkmc3n62sd6u@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I have a rather odd request. I'm looking for a computer AC power cable =
that
will plug into a European outlet (two prong circular). It is radio =
related
... my Astron switching supply will accept that type of cable!

Anybody have a source? Please email directly.

--
Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Thu, 25 May 2000 19:27:18 -0500
From: Marty <N5NW@midsouth.rr.com>
To: qrp-1@Lehigh.EDU
Subject: [71070] Antenna question multi-band dipole
Message-ID: <34hris8r9djtunjbvom1knk2lsni7t2405@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I'm considering building a five-band dipole out of five conductor rotor =
cable.
Is the spacing on the wire too tight to allow a functional antenna? I =
know it
will be a bear to tune/prune, but I want to make sure it will work.

It will need to work at QRO power as well, as I'll use it to travel with
overseas.

--

Marty, N5NW

-----=

Lakeland (Memphis), Tennessee =
<http://marty.w.tripod.com/>
N5NW@midsouth.rr.com

Date: Thu, 25 May 2000 20:26:43 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [71071] Items for sale (again)
Message-ID: <024001bfc6a9\$12274780\$0b6f5acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A couple of these items were sold, but the deals didn't materialize... I'll try again

ALL ITEMS PLUS SHIPPING.....

K8FF Paddles assembled, painted base has some chips, paddles work fine with paperwork \$35

Autek QF-1A AM/SSB/CW audio filter looks and works good, built in ac supply, with paperwork \$25

MFJ 784 DSP Filter works good with box and manual \$90

NYE SKM-1 Memory keyer with built in paddles, keyer portion works, can't get the memory to work, red and green leds come on for memory operation, but with no paperwork I can't get it to record a message. it runs off 9VDC battery and the keyer portion works fine, built in sidetone speaker, it has the typical NYE straight black dual paddles built in. \$25

Homebrew legal limit ant tuner - actually built, but might be better for the parts, it has a 28uH roller inductor (multitronics I think) 2 Bud variable caps, one dual section and one single section. a nice turns counter, a legal limit "global" 50 ohm dummy load (switchable) It is all in a case temporarily wired in a "T" configuration. heavy duty parts \$65 (well worth this for the parts I would think)

Astatic D-104 amplified mic, it is the version with the black head and black stand, also has the push to talk bar on the stand, and grip to talk on the stem, in exc condition wired for Ten Tec 1/4 " phono plug \$70

Turner +2 (SSB Transistorized) power mic good condition with 8 pin mic plug wired for radio shack HTX-100 10m rig. \$25

please email direct with any questions, might consider interesting trades for qrp gear or ??

thanks

Tim

NZ8J

Date: Fri, 26 May 2000 00:29:14 -0400
From: Richard Arland <k7sz@epix.net>
To: rerobins@email.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71072] Re: Antennas: W6JJZ's Simple Antenna with LOW LOW Loss, or WhatI learned today.
Message-ID: <392DFD9A.CCC526D6@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Richard E. Robinson" wrote:
Gang:

This is strange. I just put the QRP Commnando Stealth Dipole to bed at QST. It will be in the next QRP Power column. The Stealth version is a lot simpler than Charlie's article, but it certainly works! Bagged my first Fox from a motel room in Green County (PA) a few months ago. Interestingly enough, the antenna was strung around the inside of the motel room (couldn't get access to the outside) and it still worked! Now THAT is MOJO!

73 Rich K7SZ

> Doug Hendricks writes regarding portable antennas;
>

> >Guys, go read the article,
>
> http://www.natworld.com/ars/pages/back_issues/0698_text/ffd.html
>
> > look at
> >all the pictures and drawings, and lets see if we can come up with a
> >suggestion as to how to hang this antenna from a SD20 fishing pole support.
> >Post your suggestions to the list.
>

Date: Thu, 25 May 2000 21:14:02 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [71073] parts info needed
Message-ID: <48.5eab093.265f29da@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Gang;

I am looking for a IC chip for a hf rcvr I am trying to build. Where could I get a TDA7000 ? Also need a 14.060 crystal hc/49 size if any one has an extra. Thanks

Les Shattuck K4NK

Date: Thu, 25 May 2000 21:37:02 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
To: qrp-l@lehigh.edu
Subject: [71074] CQCQCQ de N8PVZ:
Message-ID: <4.2.2.20000525210607.00a23620@mail.surf.free.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Looking for contacts in AK, AL, CA, IA, ND, NM, SC, UT, and WV to complete WAS/QRP (ARRL & QRP-ARCI). I plan on operating 20m SSB QRP calling frequency - 14.285 +/- QRM - this coming weekend - 27 May 2000 to 29 May 2000 - from 2300 UTC to 0100 UTC each day. Sat 27 May I may also operate early to mid-afternoon EDT (haven't settled on a time yet, but will post to the list when I do). I include an SASE w/my QSL. If you need MI (grid EN72rq) feel free to jump in. Any & all QSO's will be appreciated. Come join the party!

Please, any replies to me direct, rather than the list.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446
n8pvz@arrl.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Thu, 25 May 2000 21:34:37 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [71075] Re: Trap Dipole Suggestions
Message-ID: <3.0.6.32.20000525213437.007a1c20@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:59 AM 5/25/00 -0400, you wrote:

>I was originally just going to make my own traps, but then figured I'd
>throw the topic out here first. If I make the traps, I was looking for
>recomendations. Of ANY kind. (Well, keep it clean!! I've already
>gotten my warnings for nonsense!) The traps shouldn't be too difficult,
>as with a K2 I'm only talking 15W absolutely at the max. MAYBE
>someday more, but generally QRP or close to it.
>
>So start with what people have done to make THEIR coils. And what
>caps they used. And how they made them (mechanically of course,
>not the construction parties, although we can turn to that later!)

Mike,

I made both a trap dipole and a trap "monopole" (a more-or-less 1/4 wave wire that loaded against the body of my car) using traps made from coaxial cable wound around PVC pipe forms. There was an article in QST in the early 90's that told how to do it, with nomographs to estimate the number of turns or coax for a given frequency trap. (I think there's even a BASIC program to calculate it now, possibly in the ARRL archives. A Web search may turn it up.)

Basically, one cuts a piece of wire (well, 2 wires in the case of a dipole) to resonate on the shortest wavelength band. Then one adds traps at the ends of the wires to block those frequencies (since the traps are parallel-tuned circuits, and

represent a high impedance at the resonant frequency). These traps appear inductive at lower frequencies, so they will act as loading coils for longer wavelengths. So you add 2 more wires on the outside of the traps and tune them for the next longer wavelength band. Add 2 more traps for that band, and do it again for the next band. And the next, etc.

I'm sorry to say, I don't recall how I tuned the traps. I have a grid-dip meter that I may have used, but others have written numerous words on tuning traps. I do recall that I added a little open-ended coax stub (really a small capacitor) across each trap, and pruned bits off with a wire cutter to fine-tune the trap.

The antenna ends up shorter than a full-length dipole for the longest band because of the inductance in the traps, and (of course) narrower in bandwidth on the longer wavelengths. For high-power operation larger (higher voltage) coax is preferred for the traps, since they are at high-impedance points on the antenna and are subject to high voltages. But with RG-58 and 50-odd watts out, I had no problem with breakdown or arcing.

I'm sure there are less lossy ways to make traps, but it's hard to make a cheaper one.

Thank you for the reminder - I've been looking for a stealth multi-band antenna (having just bonked myself in the head with a hammer after lofting a 40M dipole about an hour ago). This may be just the ticket.

Dave

P.S. A quick search on "coaxial trap" turned up this article: <http://www.nerc.com/~jdegood/coaxtrap>
D.

Date: Thu, 25 May 2000 21:34:25 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [71076] Re: OT- book-OPAMP stability
Message-ID: <3.0.6.32.20000525213425.007a2cb0@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:11 AM 5/25/00 -0700, you wrote:

>I am making several different op-amp circuits for my homebrew gear.
>Some circuits use a mic preamp LF356 driving a NE5532 headphone amp,
>dual 9v batteries, and drives two 32 ohm earphone elements (16 ohms).
>Problem is the circuits oscillate/motorboat or mute at low frequency.

>Bypassing the electret mic seems very critical to avoid motorboating.
>
>I sure can use your recommendations for text/software that helps
>me understand how to estimate stability of the whole opamp circuit.
>LIKE to use WINSPIICE 3 if possible. Any newsgroups I should monitor?
>
>Need pointer to "cookbook" and "software" such as
>Schauman's Outline that includes practical examples of
>how estimate stability and fix, including "BODE PLOTS"?

David,

Can't help with reference material, but one of the 'tronics engineers at work cautioned me to keep the feedback resistors on the op amps REAL CLOSE to the body of the IC, with short leads to the appropriate pins.

Good luck!

Dave

Date: Thu, 25 May 2000 19:53:00 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: N5NW@midsouth.rr.com
Subject: [71077] Re: Antenna question multi-band dipole
Message-ID: <392DD8FC.21A1907A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have used that over the years and it works well - it is not very wind tolerant, and I also use both the 5 and 4 wire rotator cable for radials again with good results.

73

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Thu, 25 May 2000 18:55:30 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71078] Re: HW8 as first station?
Message-ID: <20000526015530.15004.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gary does make some good points, so perhaps I was a little too harsh in my earlier review. One can certainly make QSO's with an HW-8 and I have worked some nice DX with mine in casual operating!

Mine does put out decent power on 15m - well over a watt and does not have much hum when used with the little matching supply. And the VFO is reasonable stable. Still, it is not fun to operate on 40m around 7040 given density of CW, SSB and other signals. So I just wanted to make sure newcomers to QRP knew about its limitations - particularly when mentioning a price much higher than what I paid for mine a few years ago.

I do wonder that if I replaced the mixer transistor that this rig would sound better as the audio sounds a bit distorted. Somewhere I had read that maybe the MPF107s used here are sub-par FETs.

73, Curt WB8YYY

--- Gary Lee Phillips <ka9nzi@arrl.net> wrote:
> Chris, I can't tell you whether that is a good price
> or not,
> but I can tell you this: An HW-8 was MY first rig, I
> still have
> it 18 years later, and no one is getting it away
> from me for
> any price.
>
> There are a lot of variables, of course. A kit may
> have been
> really well constructed, or a sloppy job may have
> been done.
> The HW-8 has some weaknesses, including
> microphonics, broad
> selectivity, and the pitfalls of a direct conversion
> receiver.

> Many of them (mine included) have output only in the
> milliwatt
> range on the 15 m. band (but then as QRPers we know
> that there
> isn't necessarily anything wrong with that.) HW-8s
> that have
> seen heavy use or abuse may develop certain
> problems. I think
> the push button bandswitches may not be the best,
> and many have
> problems with the VFO main capacitor coming apart or
> so I hear.
>
> The manual is no problem, you can certainly get a
> photocopy from
> someone if you need it. There is a whole collection
> of mods and
> improvements to the HW-8 available as well. Using
> the HW-8 takes
> some specific operating techniques, which may not be
> what you are
> accustomed to, but which certainly can be learned.
>
> As for functionality, well, I got my 1000 Miles per
> Watt
> certificate with it as a novice. I also earned
> QRP-25 and with
> relatively poor antennas still had successful QSOs
> with California,
> Puerto Rico, and US/Canada east coasters on a
> regular basis from
> my QTH in Chicago. I've backpacked it, and hauled it
> on the train
> to Florida, never had a problem with it. I find it
> works better
> from a battery than from an AC adaptor though, as it
> picks up
> power line hums readily. It has a low power demand,
> so a gel cell
> from an emergency light or a motorcycle battery can
> give you many
> hours of operation without recharging.
>
> You could certainly choose worse--multiband
> capability in a
> reasonably small package is a strong point. On the
> other hand,
> it is CW only, doesn't have 10 meters or WARC bands,

> and does
> have that DC receiver. You may want an outboard
> audio filter to
> help narrow the receive passband.
>
> -- Gary Phillips, Marengo, IL
> <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid:
> EN52rg
> QRP-L #2124
<http://www.qsl.net/ka9nzi/>

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Thu, 25 May 2000 21:58:55 EDT
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [71079] Dayton Report--it's the people...
Message-ID: <a1.5cb8e59.265f345f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

The annual pilgrimage to Dayton is over, and we are all back to work (or not, for the retirees). Sunday at around noon is always depressing, as the vendors start to pack up, and many stalls outdoors are already empty. The speakers start to announce that the buildings will close to the general public at 1:00, and the last markdowns are made by the diehard sellers. Some smart buyers will wade in at that time, but it is usually risky to wait until then, as most of the stock is long gone.

I never even walked into the main arena where Kenwood, Yaesu, and Icom have their main booths, and I didn't get a Yaesu hat either. I guess I already have enough Yaesu hats. The QRP ARCI booth was mobbed all weekend with interested folks; new members were signed at record rates, and back issues of the QRP Quarterly (QQ) sold briskly. I got in a couple of hours of relief in the booth, but folks like Jim Stafford, Ken Evans, Len Young and Mary Cherry had it going great guns. These are good people, full of enthusiasm and spirit.

Thursday morning the ARCI sponsored FDI program was filled with about two hundred people, making it the largest ever QRP symposium in Dayton. It was quite a show, and the speakers were brilliant. I liked L.B. Cebik's talk a lot--he proved that dipoles are really good multiband antennas!

Thursday night, early dinner at the Pine Club (best steakhouse in Dayton) was great. You can't go Friday or Saturday nights, no matter how early, because the wait is too long--no reservations. We went over with Mary and Mark Cherry, Les Shattuck and his lovely wife, and me and Tom Lifland W2RFU, my QRO Dayton roommate of many years now.

Friday we got over to the Arena about nine, and since the weather looked threatening (we had tornado warnings the night before) we did the outdoor part first. We knew, however, that if it rained the inside would be amazingly crowded. As it is, there was no precip during the Hamvention hours, all weekend. I really wasn't looking for radio stuff--for the first time in years, I had no "needs." But, I managed to drop a couple of hundred dollars on computer stuff, including this Toshiba subnotebook that just followed me home. Horn works too.

But for me, it is seeing the old friends and making some new ones. Out in the back flea market, on Saturday I had ran into Bob Finch selling WR9R Field Day software, and he had a spare chair that looked mighty good after a day of walking. So we had a sit-down and a nice talk, and I did end up buying the software, but what the heck. The chair alone was worth it, let alone the good company.

Saturday night, Tom W2RFU, and I and Jim Kortge (the famous 2N2 guy) and Tom's newspaper photographer daughter had a pretty fancy dinner in a place called Paragon, which is on the expensive side, but was very good.

I got to help judge one of the building contests, and that was fun. Nice projects this year, as usual.

Things got quiet late Saturday night in the Hospitality suite, and I had a few minutes to sit with Mike Bryce and congratulate him on being inducted into the ARCI Hall of Fame. He has been a mainstay in QRP for a long, long time, and I still have a long letter from him answering my dumb questions about building a Two-Fer transmitter from about 1988. Wayne Burdick had his arms full of Elecraft display stuff, but he took a few minutes to come over tell us about his daughter--and about how Elecraft is doing--both well, thank you.

I didn't win anything, but Mary Cherry GAVE me a DeMaw QRM Squasher that she made and had installed in a beautiful painted box, because she claims I was nice about something or other. Now, that's an impressive way to say thanks--especially since I "dint do nothin." She did, however, mention later something about taking it back because I introduced her to Nils, and

then left him with her in the hospitality suite. :-)

I saw a lot of old friends (who are getting older, just like me.) I was glad to see them, and I miss some who couldn't be there. But it was good see the ones who made it. So, like I say, it's not about the toys, it's about the people. That's my report.

72,

Preston WJ2V

Date: Thu, 25 May 2000 19:19:45 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: w7ls@blarg.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71080] Re: Portable power supply for DSW?
Message-ID: <392DDF41.EC4C5E2A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use 10 AAs with my DSW-20. If you do this a lot, look into MAHA 1550 mAH NiMH rechargables.

Phil

Jim/Julia wrote:

>
> Actually, 8 AA alkalines only produce 12v, nominally. You should consider on
> or maybe two more, to give more like 15 volts before sagging. That is awfully
> close to the limit, and you should consult Dave Benson NN1G at
> www.smallwonderlabs.com
> The reason for the suggestion is that if you start out at only 12 volts,
> a little useage will drop the voltage and the power output will fall off
> precipitously. I have used 8 AA cells for long periods of time, though. Jim
> W7LS
>
> Richard Matthews wrote:
>
> > At 08:19 PM 5/24/00 -0500, you wrote:
> > > Anyone have suggestions for portable power supply for DSW-40. I will be
> > > backpacking, so lightweight is essential. Will 8 AA's provide enough
> > > current? That seems to work, but manual say 500ma recommended? Other
> > > suggestions?
> > > Brian Lewis
> > > K5RV QRP-L 324

> >
> >
> > Brian, I power my DSW-40 with 8 AA nicads and it works fine . . . for a
> > while. With use the E drops and of course the output drops but continues
> > working until you reach the low voltage cutoff point. I've made numerous
> > portable contacts with this setup and one thing for sure, no PS hum.
> >
> > 73
> >
> > Richard WA4NWW

Date: Thu, 25 May 2000 19:21:17 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: larrya@compu-fixinc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71081] Re: SGC2020
Message-ID: <392DDF9D.3E3AE268@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

IMOH, the K2 is a much better radio .. but you do have to build it
yourself.

Phil

Larry Acklin wrote:

>
> I own SC-2020 S# 5054. It is a fine rig, with a small but dedicated bunch
> of owners. I have used it in the field for QRP CW, and SSB, at 5w have made
> 3k miles contacts. Not a diehard CW op's rig (semi QSK with the built in
> keyer, Full with external keyer. Receiver hears OK. It is a general
> coverage receiver, but you gotta tune careful if you want to hear AM BC.
> NE602 front end, but if I hear 'em I can work 'em usually. Please refer to
> <http://www.qsl.net/sgci/index.html>
> for a good site on the rig. All the scoop is there. I give it a good
> report.

>

> 73

> Larry KB3CUF

>

> ----- Original Message -----

> From: Randy Randall <RANDALLR@Healthall.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Thursday, May 25, 2000 8:10 AM
> Subject: Re: SGC2020

>
> > Hello all. I am also considering buying an SCG 2020. How does the single
> IF amp perform in the real world? What is the track record for repairs and
> service. I have heard both good and bad. It looks like a rugged little
> beast. Do you recommend getting the unit outfitted with the optional power
> pack. I understand it must be ordered with the radio and cannot be added
> later.
> > 73
> > Randy
> >
> > >>> "Bernard F. Gaffney, Jr." <n8pvz@arrl.net> 05/24 7:10 PM >>>
> > I'm considering getting an SGC2020. Would appreciate hearing from those in
> > the group who use or have used one, and what you think about it's
> > performance, especially in the QRP arena. I've been to their WEB page and
> > downloaded the operator's manual, but would like to hear from the Ham in
> > the Street.
> >
> > Please reply directly to me, to keep the list bandwidth down.
> >
> > Tnx
> >
> > 72 de N8PVZ
> >
> > ---bernie
> >
> >
> >
> >
> >
> >
> > Bernard F. Gaffney, Jr. N8PVZ
> > MI-QRP# M-1152 QRP-ARCI# 9446
> > n8pvz@arrl.net
> > <http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
> > Searching for Gaffney, Gascho, Moers, and Hetzer
> >
> >
> >

Date: Thu, 25 May 2000 22:24:39 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71082] BLT L1 Winding Question
Message-ID: <20000526022440.95619.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

The BLT instructions show the L1 leads finishing on opposite sides of the torroid. BUT, if you read the directions, they say to REVERSE the winding direction after the ground tap loop. That puts the ends of the wire finishing on the SAME side of the torroid.

Which is right, the written word or the drawing?

Thanks,
Mark K2QO The Buffalo QRP Connection

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Thu, 25 May 2000 22:12:40 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [71083] MOJO?
Message-ID: <4.3.1.0.20000525221211.00bfc10@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I plead ignorance.

What is MOJO?

Michael - N4NMR

Date: Thu, 25 May 2000 22:28:05 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [71084] K8FF Paddles are SOLD
Message-ID: <036301bfc6ba\$068bb8a0\$0b6f5acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to the multitude who responded, the paddles are spoken for..

Tim
NZ8J

<< What is MOJO? >>

Magic.... the stuff that makes your Elecraft K2 work better than any other radio that you can built.

There's an entire web site on Mojo on <http://www.luckymojo.com/mojo.html>

You can find out more about mojo than you may wish to know including the song,
"TAKE YOUR HANDS OFF MY MOJO"
by Leola B. "Coot" Grant and "Kid" Welsey Wilson

Cheers,
Gerry Elam, K7LR0
PHX AZ

Date: Thu, 25 May 2000 19:59:35 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71087] QRP'rs in SE OK
Message-ID: <392DE897.7AD766E2@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy:

This coming week, May 28 through June 3rd, I will be visiting my in-laws in SE Oklahoma, near McAlester. They are fine people but after a few days I find myself scoping out tri-banders across the countryside.

If I may be so bold, are there any SE OK QRP op's who would like to have an eyeball QSO with a fellow QRP-L inhabitant? It might fun to share some QRP camaraderie with a total stranger! Or, if any ham related stuff is going on in the area, any info would be appreciated.

Please respond direct. Thanks for the bandwidth.

Regards, Thomas - AC7A (Tucson)

Date: Thu, 25 May 2000 22:17:11 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [71088] Poqet Plus available for trade
Message-ID: <20000526051711.13065.qmail@web124.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a Poqet Plus I'd like to trade for either a 20 meter transciever or other QRP gear. It doesn't have the serial cable though I might be able to get one. It comes with a nicad battery pack and all the usual goodies. Has a 2 meg compact flash card also. Just didnt' fit my my needs.

I found that I didn't use the serial cable as it was easier to use the PCMCIA port on my laptop to load the software. Also the NJ QRP club;

<http://www.njqrp.org/poqetpc/index.html>

Has some great articles on how to make a serial cable, new battery pack and how make it run on 12 volts.

73!

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Fri, 26 May 2000 03:50:42 -0400

From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71089] Anyone ON?
Message-ID: <014c01bfc6e7\$17f5e840\$2e451b3f@win98>

Well, I finally got this keyer thing figured out for the weekend and wanted to see if anyone is up and on the air right now. I have 5 watts and a Cushcraft A4S, but not sure if the band is up tonight.....doesn't sound like it from the amount of sig I am getting out there.

If anyone wants to try to hook up for a test drive, please email me. I will be up until 430am EST here in Michigan.

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn.
MI QRP Club, M-1688 - FPqrp- 50 - Member ARRL
Rag Chewers' Club - WAC -

Date: Fri, 26 May 2000 06:23:03 -0400
From: David M Kopacki <kf2ew@juno.com>
To: n7kt@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [71090] Re: CQ WW WPX rules
Message-ID: <20000526.062417.-242737.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here's a good site for the contest.

<http://www.sk3bg.se/contest/>

Mike, KF2EW

On Thu, 25 May 2000 11:30:41 -0700 Roger Hightower
<n7kt@worldnet.att.net> writes:
> Thought I'd check out the rules for the 'test this weekend, so I
> looked
> in the Contest Corral, QST, May 2000 issue (page 91).
>
> It referred me to page 100 of the March 1000 issue. My library
> doesn't
> go back that far, :-)
> --
> 72.....Roger
>
> Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 May 2000 11:38:44 +0100
From: bejones@hursley.ibm.com
To: qrp-l@lehigh.edu
Subject: [71091] QRP-L CD 3 in Europe
Message-ID: <392E6244.27998.46221D7@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I am expecting to receive my master copy any day now (it's
somewhere in the airmail system).

Bob (N4BP) yesterday offered to do international mailing. For those
folk who would find UK pounds and a UK mail address easier than
US dollars I will offer similar options to Bob.

A few weeks ago a UK price of 6UKP was almost exactly
equivalent to 10 US dollars - with the strong dollar today the deal
gets better (10USD=6.777UKP (www.xe.net/ucc))

So here's the 3 options

1. Send me a blank CD in a cardboard mailer (the UK post offices
stock the mailers). Put your name/address and the correct postage
on the mailer. Put this in a padded 'Jiffy' bag + a note with your
name/address one second time and mail to me. Send no money

with this option.

2. Send me a cheque/postal order of 6 pounds UK + a note of your name/address and I will supply CD, mailer, postage.

3. If you don't have ready access to UK or US funds or the above options cause some problem I may accept other european currency (or whatever) to the value of 10USD - email me and we'll sort something out.

In all cases if you include your email address I will email confirmation of receipt of your order.

Please note

a) I haven't received my master CD yet so it may be a few days before I can start processing any orders

b) My business commitments occassionally make it difficult for me to get time on my home PC for several days. There may be cases of a week or so's delay between receiving your order and dispatching the CD.

c) Like the other folks invloved here I'm doing this as a service to the QRP community - please don't beat up on me if I don't receive your mailer because the post office lost it, I can't send it to you because you forgot to include any return address/email info etc.

My postal address

Brian Jones G0UKB
47 Pine Crescent
Chandlers Ford
Hampshire
SO53 1LN
UK

As Bob said - Any Questions? email bejones@hursley.ibm.com

Brian G0UKB

Brian E Jones
Centre for Java Technology
IBM HURSLEY

Date: Fri, 26 May 2000 04:03:11 PDT
From: "Alan Fryer" <n3bj@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [71092] FS: QRP rigs
Message-ID: <20000526110311.39384.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For Sale:

SWL DSW-40, unbuilt, bags unopened, includes custom case, surplus to my needs. Avoid the wait, \$120 shipped.

Hands GQ40 xcvr. Works fine, in supplied case. Bulletproof diode ring mixer, dual MOSFET PA, gets 5+ watts out. Original manual. Aligned by Sheldon Hands. Original cost \$250+ delivered, \$120 shipped.

38 Special with custom case, needs work, all there. Parts for 5W mod included, original docs, \$60 shipped.

"Three-bander" VX0, DC rig by Zack Lau in ARRL pubs. years ago. Set up on 15M, works on other bands with right xtal, see article. \$50 shipped.

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 26 May 2000 06:37:21 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [71093] Useful kit building tool. Check out EMOSCOP.COM
Message-ID: <4.3.1.0.20000526063356.00aa65c0@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

QRPers,

The following message was sent to me on another list (subminiature cameras - you know, James Bond style). It caused me to get out my Emoscop which I've had for 20+ years. I used it to check out the soldering on my SMK-1. It is a great way to see things really close. Thought the kit builder's might be interested.

Michael N4NMR

>From: MARTIN TAI <martin.tai@CAPCANADA.COM>
>Organization: CAP/CANADA Support BBS | Toronto, ON | (416) 287-0935
>Subject: EMOSCOP.COM
>To: SUBMINI-L@LISTSERV.AOL.COM
>
> WWW.EMOSCOP.COM
>
>
> Apparently EMO-Optik Arthur Seibert Wetzlar has being sold to a new
>company Virtual Logic Holding LTD in British Virgin Islands
>
> www.vl.vg
>
>Virtual Logic
>owns www.EMOSCOP.COM in conjunction with Mascotte Industries
>HK Ltd.
>
> WWW.EMOSCOP.COM is headquartered in Hong Kong, the actual
>product is made in a Mascotte owned optical factory employing over
>1000 people in China.
>
> From the www.emoscop.com website, the Emoscop still looks
>like the EMO Wetzlar Germany product (macrolon version)
> But I doubt that when the new EMOSCOP coming out of
>Mascotte HK Ltd will bear "Germany"
>
>
> It is possible that the Havershill Episcopes are also made
>by the same manufacturer.
>
> EMO-Optik's other product, such as Macromax 5x loupe
>could be sold to Leica, which rolled out a Leica 5x loupe
>which looks similar to the EMO Macromax loupe.
>
>
>
> martin

Date: Fri, 26 May 2000 05:50:53 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'n6wg@earthlink.net'" <n6wg@earthlink.net>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [71094] RE: Trap Dipole Suggestions

Message-ID: <2D343922E283D211945C0008C7A41B2A02B20BEE@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You can also find info on traps made with coaxial cable
in the ARRL Handbook.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: n6wg:First n6wg:Last [mailto:n6wg@earthlink.net]
Sent: Thursday, May 25, 2000 11:24 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Trap Dipole Suggestions

Mike

There have been several articles in QST about building traps with coax. You
could use RG174 possibly to make a lightweight trap. Use the ARRL web page
to search QST for the articles.

It may be of interest to you.

73, Bob N6WG

Date: Fri, 26 May 2000 06:17:56 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU
Subject: [71095] 6 Mtr QRP Fun 5/25
Message-ID: <3.0.2.32.20000526061756.007cbb30@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

6 Mtr QRPers,

Very strong Es opening from NTX into TN to OH areas last evening. Many CW
stations worked from about 0000 UTC for about 2 hours. Started with 10 W
out and dropped to 4 W. Good reports at all power levels in 50.090 to 50.1
freq range. (SSB stations dense and intense from 50.125 to 50.2 also.)

One station using a dipole, another a vertical and all sorts of other
antenna combinations. Several stations reported using 10 W or less.

Heard CW beacons very strong in 50 .060 to 50.070 range

These Es openings often happen this time of year around 1600 to 1800 plus
or minus and again in the evening 2300 to 0200 plus or minus. Check again

the next day as they often repeat for a couple of days.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Fri, 26 May 2000 08:01:34 EDT
From: Wa3ptg@aol.com
To: wb8yyy@yahoo.com, qrp-l@lehigh.edu
Subject: [71096] Re: HW8 as first station?
Message-ID: <ce.5e2641a.265fc19e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Curt makes a good point about the DC receiver in the HW8.
It might be fun during the day to talk to locals on 7040. And they're great
in the little toy rigs -- like Pixies -- we build and operate in front of the
Kenwood. But trying to conduct a QSO using one on 40 is a miserable
experience.

I'm saying this as one who builds and uses DC radios. But I now use them
only for casual listening. 40 (especially in the evening) + DC receivers =
"guess I'll go watch TV."

72 DE WA3PTG
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Fri, 26 May 2000 06:17:56 -0500 (CDT)
From: Joe Reed <joe@n9jr.dyndns.org>
To: GElam30092@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71097] Re: MOJO?
Message-ID: <Pine.LNX.4.05.10005260614520.29207-100000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 May 2000 GElam30092@aol.com wrote:

> There's an entire web site on Mojo on <http://www.luckymojo.com/mojo.html>

That is an amazing site! I need to finish Phase III assembly on my K2 get me one of them DX hands. Seriously, that is an awesome mojo reference. Thanks.

Joe N9JR

Date: Fri, 26 May 2000 08:22:16 EDT
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [71098] Re: BLT L1 Winding Question
Message-ID: <7a.5be7ca4.265fc678@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Mark,
Build it to match the schematic. There are a few typos in the instruction sheet. If you stick to the drawing for wiring, and use the instructions as a general guide in the steps to take, you'll be just fine. I noticed that also, and went on and made the inductor with the standard method.

72, 73
Dan, N8IE

In a message dated Thu, 25 May 2000 10:26:15 PM Eastern Daylight Time, "Mark Adams" <k2qo@hotmail.com> writes:

<<
Gang,

The BLT instructions show the L1 leads finishing on opposite sides of the torroid. BUT, if you read the directions, they say to REVERSE the winding direction after the ground tap loop. That puts the ends of the wire finishing on the SAME side of the torroid.

Which is right, the written word or the drawing?

Thanks,
Mark K2QO The Buffalo QRP Connection

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

>>

Date: Fri, 26 May 2000 08:31:40 -0400
From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: qrp-1@Lehigh.EDU
Subject: [71099] Cry of Help for the Mobile Antenna
Message-ID: <852568EB.00441EB4.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I purchased a 75 meter Hamstick and one of the new tag mounts with hopes of being able to take the SW-80+ on the road. Little did I know that GM had outsmarted me (doesn't take much), as well as the tag mount. The tag on a '95 Lumina is attached to a flimsy piece of sheet metal that is only lightly anchored to the car frame. So, the mount isn't very secure. I wouldn't want to trust it at 70 miles per hour with a long whip.

Any other Lumina drivers out there with other solutions? If I can't mount a Hamstick now, I certainly won't try a screwdriver or bugcatcher later.

72
stan
kd4bth

Date: Fri, 26 May 2000 08:46:45 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: n5em@flash.net
Cc: qrp-1@lehigh.edu
Subject: [71100] RE: Support for DK9SQ Mast
Message-ID: <392E7235.A304B95@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I'm curious as to arrangements others have created for supporting the 10
> meter pole in an open area. It's easy if you have a car or picnic table to
> lash your pole to but what are you folks doing if you have an open field?
> I could always affix some guy cords to it and stake them out - no problem.
> I was just wondering if someone has created an elegant arrangement to hold
> it upright without significantly increasing the area needed by guy wires.
>
> 72s

> Ed, N5EM

Ed,

I was concerned about connecting guy lines directly to the pole -- for one thing, they do exert a downward force, particularly in windy conditions, and could cause the pole to collapse. So, I made a "guying support" for the pole. This consists of two half-inch dowel rods, slightly shorter than the collapsed mast (i.e., each about three feet long), plus three plastic rings (actually extension connectors for vacuum system hoses) that are slightly larger in diameter than the largest section of the mast. Two of the rings are mounted on each end of one of the dowels; the other ring is mounted on an end of the other dowel. The latter dowel also has holes drilled so that it can be connected quickly in the field with bolts and wing nuts to one of the rings on the first dowel. When these are connected together, you have a rod that is a little less than six feet long with plastic rings on each end and in the middle. Finally, a spike is bolted to one end of this configuration (to keep the ground end from slipping) and attachments for guy lines at the other.

This curious configuration is put up in the field in the following manner: First, the two halves are put together, the spike is put on (bolts and wing nuts), then the assembly is mounted vertically with the spike providing loose support. The guy lines are then connected (note that, since the guys support the pole at six feet, they do not cover a large area -- they attach to ground about six feet from the pole). The DK9SQ mast is then extended, antenna wires, etc., connected, and simply slid vertically into the guying support (this might be a little challenging if you're short). That's it. When collapsed (both mast and support), the mast nests inside the rings of the two dowel supports for transportation, so the whole thing really does not take up any more room than the mast itself. Also adds little extra weight.

I've used this many times under a wide variety of conditions, including in relatively strong winds on hill tops. Takes only a few minutes to set up and take down.

72 DE K1CL,
Chuck.

Date: Fri, 26 May 2000 08:55:49 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: bl@csi.com
Cc: qrp-1@lehigh.edu

Subject: [71101] RE: Portable power supply for DSW
Message-ID: <392E7455.70E14DDB@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian, K5RV, wrote:

> Anyone have suggestions for portable power supply for DSW-40. I will be
> backpacking, so lightweight is essential. Will 8 AA's provide enough
> current? That seems to work, but manual say 500ma recommended? Other
> suggestions?

If you're willing to pay for them (around \$20 for eight), you can't beat lithium AA's. They are much lighter and last several times longer than the best of alkaline AA's. You also start out at 14 volts or so, giving you a little more power out. For a backpacking trip where you want to absolutely minimize weight, these are your best bet.

72 DE K1CL,
Chuck.

Date: Fri, 26 May 2000 08:54:31 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [71102] Re: Useful kit building tool. Check out EMOSCOP.COM
Message-ID: <007601bfc712\$21d1ce80\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Minerature cameras??? When I was in high school, I found a Minox 180B I think it was in my dad's desk....

I use the Intel QX3 to check stuff. I bought my son the QX3 Digital Microscope for Christmas, and while he's had a blast with it, I've use it for practical things as well, like finding a broken trace on a small HD board.

Mike

> QRPers,
>

> The following message was sent to me on another list (subminiature
cameras
> - you know, James Bond style). It caused me to get out my Emoscop
which
> I've had for 20+ years. I used it to check out the soldering on my
> SMK-1. It is a great way to see things really close. Thought the kit
> builder's might be interested.
>
> Michael N4NMR
>
>
> >From: MARTIN TAI <martin.tai@CAPCANADA.COM>
> >Organization: CAP/CANADA Support BBS | Toronto, ON | (416) 287-0935
> >Subject: EMOSCOP.COM
> >To: SUBMINI-L@LISTSERV.AOL.COM
> >
> >
> >
> >
> > Apparently EMO-Optik Arthur Seibert Wetzlar has being sold to a
new
> >company Virtual Logic Holding LTD in British Virgin Islands
> >
> > www.vl.vg
> >
> >Virtual Logic
> >owns www.EMOSCOP.COM in conjunction with Mascotte Industries
> >HK Ltd.
> >
> > WWW.EMOSCOP.COM is headquartered in Hong Kong, the actual
> >product is made in a Mascotte owned optical factory employing over
> >1000 people in China.
> >
> > From the www.emoscop.com website, the Emoscop still looks
> >like the EMO Wetzlar Germany product (macrolon version)
> > But I doubt that when the new EMOSCOP coming out of
> >Mascotte HK Ltd will bear "Germany"
> >
> >
> > It is possible that the Havershill Episcop is also made
> >by the same manufacturer.
> >
> > EMO-Optik's other product, such as Macromax 5x loupe
> >could be sold to Leica, which rolled out a Leica 5x loupe
> >which looks similar to the EMO Macromax loupe.
> >
> >
> >

> > martin
>
>

Date: Fri, 26 May 2000 08:58:51 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <N5NW@midsouth.rr.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [71103] Re: strange request
Message-ID: <00d501bfc712\$ce8c4060\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, I actually have one in my drawer... (Came with a laptop)
But RS sells an 'end kit' to adapt any US style plug to a number
of world plugs. It's 'acceptable' to do this now that a lot of the
equipment has 'wide range' inputs for power supplies.

Mike

> I have a rather odd request. I'm looking for a computer AC power
cable that
> will plug into a European outlet (two prong circular). It is radio
related
> ... my Astron switching supply will accept that type of cable!
>
> Anybody have a source? Please email directly.
>
>
> --
> Marty, N5NW
>

> Lakeland (Memphis), Tennessee
> <http://marty.w.tripod.com/>
> N5NW@midsouth.rr.com
>

Date: Fri, 26 May 2000 08:03:18 -0500

From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [71104] [OT] Ultimate Ham Radio costs \$14,500
Message-ID: <392E7616.77BD447@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! has a 700Mhz PIII processor!

Signal One Milspec 1030E <http://www.bbcyber.com/signalone/>

dit dit

de Ken N9VV <n9vv@arrl.net> <http://www.qls.net/n9vv>

Date: Fri, 26 May 2000 06:14:19 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [71105] Re: CQ WW WPX rules
Message-ID: <392E78AB.5E8ABD7C@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've gotten a lot of help on where to look for the rules, but I can't believe that no one picked up on the QST error.

"March 1000"? Really? Thought I'd have some fun with this, but guess not.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 26 May 2000 09:26:13 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: khopper@uchicago.edu
Cc: qrp-l@lehigh.edu
Subject: [71106] Re: [OT] Ultimate Ham Radio costs \$14,500
Message-ID: <v03102807b5542abc2a32@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ken N9VV writes;

>Wow! has a 700Mhz PIII processor!

>

>Signal One Milspec 1030E <http://www.bbcyber.com/signalone/>

Nice, but no Mojo.

>From the Signal One web page:

>-- No antenna? -- Work the world with the B&B Cyber Software DX simulator,
>CyberDX-CW. A software simulation of the DXer's world.. Also
>CyberCWContest, a >software simulation of the CQWW CW contest. Awards
>programs for users of both >simulations.

License? You don't need no stinkin' license.

72,

Rick kf4ar

Date: Fri, 26 May 2000 09:46:18 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Richard E. Robinson" <rerobins@email.uncc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71107] Re: [OT] Ultimate Ham Radio costs \$14,500
Message-ID: <Pine.OSF.4.21.0005260942360.25383-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 26 May 2000, Richard E. Robinson wrote:

> Ken N9VV writes;

> >Wow! has a 700Mhz PIII processor!

> >Signal One Milspec 1030E <http://www.bbcyber.com/signalone/>

> Nice, but no Mojo.

I wonder if it is \$13,470 more satisfying to make a QSO with that radio
than a handmade, \$30 SMK-1?

Of course I wonder than about a lot of radios that cost \$2K+

Any takers?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 26 May 2000 13:50:48 +0100
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [71108] Re: Trap Dipole Suggestions
Message-ID: <392E7328.7D3A06BB@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is a good site detailing the construction of an Attic Coaxial Cable
Trap Dipole by John DeGood/nu3e.

<http://www.nerc.com/~jdegood/coaxtrap/>

David Hurley,n2zhy
Princeton,NJ

Date: Fri, 26 May 2000 08:55:14 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu, glowbugs@piobaire.mines.uidaho.edu
Subject: [71109] Wanted to buy: Vibroplex
Message-ID: <200005261355.IAA04066@mail.lib.colum.edu>

I'd like to get a working Vibroplex semi-automatic (not
iambic paddles) key or bug. I know they are still made,
but the new prices are just too high for me. There are
usually a few on Ebay as well, but the competition there
is obviously from "collectors" who are willing to pay
very high prices to get a missing example for their
collections. I don't mind a few paint chips or scratches,
or tarnish as long as all the pieces are there and it
works. Lightning bug, Champion, Original, or similar
model would do. Is this a hopeless quest? Or does someone
out there have one of these gathering dust and needing a
good home? I could afford an adoption fee of up to \$50 or
so. :-)

A good SCG 2020 review-

http://www.alltel.net/~johnshan/qrp_review_sg2020.html

Well written and accurate (I own one too)

73

Larry KB3CUF

Date: Fri, 26 May 2000 08:28:29 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [71112] Re: MOJO?
Message-ID: <392E8A0D.6DA4270E@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

only one real MOJO song: Got my MOJO Working, Muddy Waters!
Thanks for the MOJO site info.

73

Ray

--

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Fri, 26 May 2000 08:36:20 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: ka9nzi@arrl.net
Subject: [71113] Re: Wanted to buy: Vibroplex
Message-ID: <392E8BE4.98AF1A6A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't think it is a hopeless task - I don't have one
for sale but have been looking on Ebay and there are
several listed and seem to be in the 50-100 dollar range

for most - earlier in the week - maybe last week, there were at least two single paddle keyer units, and several bugs. However, be careful and don't bid on the 1919 Vibroplex double lever original which was at 1575.00 a couple of days ago. Except for the double lever, looked almost like my 1912 Vibroplex Original. Good luck in your search.

73

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Fri, 26 May 2000 07:35:46 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71114] Re: Portable power supply for DSW?
Message-ID: <003101bfc71f\$b3e4e7a0\$24c1480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm sure most are aware of this, so sorry for the use of bandwidth, but I think one of the best bargains in batteries for this type use is the good old 1.2 A-hr gel cell. They are readily available at swapmeets for about five bucks. They will power many qrp rigs (NorCal Sierra class) all day long and they can be recharged many times. I have one that's "still going" after five years. When you aren't using them, keep them on a float charge of 13.7 Volts. For another five bucks at the swap you can pick up a surplus Lambda (or similar) ~2 A. power supply that will do that job and serve as a charger as well. You have to use a screwdriver to regulate the voltage, but so what? These batteries are ~ 1.5 x 2.0 x 3.75 inches and weigh about a pound (maybe a little more). There is a 0.7 A-hr version (not so common at swaps) for those who are really weight conscious. For extended backpacking trips a small solar module keeps the voltage up indefinitely.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Phil Wheeler <w7ox@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, May 25, 2000 7:19 PM
Subject: Re: Portable power supply for DSW?

> I use 10 AAs with my DSW-20. If you do this a lot, look into MAHA 1550
> mAH NiMH rechargables.
>
> Phil
>
> Jim/Julia wrote:
> >
> > Actually, 8 AA alkalines only produce 12v, nominally. You should
consider on
> > or maybe two more, to give more like 15 volts before sagging. That is
awfully
> > close to the limit, and you should consult Dave Benson NN1G at
> > www.smallwonderlabs.com
> > The reason for the suggestion is that if you start out at only 12
volts,
> > a little useage will drop the voltage and the power output will fall off
> > precipitously. I have used 8 AA cells for long periods of time, though.
Jim
> > W7LS
> >
> > Richard Matthews wrote:
> >
> > > At 08:19 PM 5/24/00 -0500, you wrote:
> > > > Anyone have suggestions for portable power supply for DSW-40. I will
be
> > > > backpacking, so lightweight is essential. Will 8 AA's provide enough
> > > > current? That seems to work, but manual say 500ma recommended?
Other
> > > > suggestions?
> > > > Brian Lewis
> > > > K5RV QRP-L 324
> > > >
> > >
> > > Brian, I power my DSW-40 with 8 AA nicads and it works fine . . . for
a
> > > while. With use the E drops and of course the output drops but
continues
> > > working until you reach the low voltage cutoff point. I've made
numerous
> > > portable contacts with this setup and one thing for sure, no PS hum.
> > >
> > > 73

> > >
> > > Richard WA4NWW
>

Date: Fri, 26 May 2000 09:44:29 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: mcintos@basf-corp.com, qrp-l@Lehigh.EDU
Subject: [71115] Re: Cry of Help for the Mobile Antenna
Message-ID: <3.0.2.32.20000526094429.007de190@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Stan,

How about an el-cheapo trailer hitch. If you don't want to pull a trailer, it would be rugged enough for the hamstick. I did this sort of thing from the draw bar on my pickup. A friend has his hamsticks mounted on a trailer hitch on his pickup. We both used various types of CB type antenna mounts and connectors that work with the hamsticks.

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Fri, 26 May 2000 10:42:49 -0400
From: Barry J Minsky <w2bj@juno.com>
To: ka9nzi@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [71116] Re: Wanted to buy: Vibroplex
Message-ID: <20000526.104251.-325829.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have several good bugs and would be glad to see a few find new homes. Please give me an idea of the model (if that matters) and the price range and I will let you know what I have.

On Fri, 26 May 2000 08:55:14 -0500 "Gary Lee Phillips" <ka9nzi@arrl.net> writes:

> I'd like to get a working Vibroplex semi-automatic (not
> iambic paddles) key or bug. > -- Gary Phillips, Marengo, IL
mailto:ka9nzi@arrl.net

> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Fri, 26 May 2000 10:51:55 EDT
From: Rremmel@aol.com
To: qrp-l@lehigh.edu
Subject: [71117] Re: Portable power supply for DSW?
Message-ID: <34.5b06a19.265fe98b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/26/00 9:37:40 AM Central Daylight Time,
jc-smith@worldnet.att.net writes:

> For extended backpacking
> trips a small solar module keeps the voltage up indefinitely.

I have been looking at solar modules, but can't make up my mind what to get
regarding price vs size vs watts, to provide >13V for charging.
Any suggestions?

Raymond
AC5QV

Date: Fri, 26 May 2000 09:54:07 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: Barry J Minsky <w2bj@juno.com>, qrp-l@Lehigh.EDU
Subject: [71118] Re: Wanted to buy: Vibroplex
Message-ID: <200005261454.JAA04385@mail.lib.colum.edu>

I'm not a key collector and certainly no expert on Vibroplex
models. I have a Himound semi-automatic but have never been
very happy with it. Everyone tells me the Vibroplex is the
best semi-automatic key and most reliable.

I wouldn't be particular about the model. The ones I've seen

that look like they would meet my needs include the Original, the Lightning Bug, and the Champion, I think. There are probably others. I'm looking for a mechanical key, though, not paddles that are used with an electronic keyer. I prefer my code on the slow side of 20 wpm, so if some models will slow down better than others, the slowest ones would interest me most.

As for price, I'd like to spend \$40 or \$50 tops. I've bid on some at Ebay, but they always end up at prices more like \$150, even when they look pretty battle-scarred. I've been watching at hamfests, but have only seen new ones in the box so far, with new prices (and \$250 could buy me an entire station!)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 26 May 2000 16:05:03 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71119] FS: HW-9
Message-ID: <00b001bfc756\$bb9e6ca0\$e795aec7@lynnsimons>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang,

I have a Heath HW-9 with the WARC bands for sale. It works great and looks great. I have the original manuals with it. I have used it to work WAS, WAC, and DXCC. I am asking \$300 for it.

72,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 26 May 2000 08:44:09 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71120] BLT Tuner: Winding the Big Toroid

Message-ID: <20000526154409.24926.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

There seems to be some confusion on how to wind the large toroid in the BLT Tuner from NorCal. (Yes it is still available). Ok, here we go.

First of all you will be making 3 windings. The first one is 16 turns with a tap in the middle. The second is 12 turns interwound in the same sense as the first and in the middle of the first winding. In other words, the center of the first and second windings are at the same place. The third winding is 6 turns, and also in the same sense as the first two windings, and the center of winding 3 is at the same place as winding 1 & 2.

Winding L1. This is 16 turns of #22 enameled wire wound on a T106-2 core. Cut a piece of #22 wire 30" long. Start winding, counting 1 turn for each time it goes through the center of the toroid. When you have 8 turns, stop and make a loop that is about 3/4" long by twisting the wire. This will be the center tap. You should clean the insulation off the wire at the tap so that you will be able to solder it to the ground plane of the tuner. When you have the center tap made, continue winding in the same direction and sense until you have a total of 16 turns. You will note that one end of the wire is on the outside of the toroid, and the other end is on the inside.

Now we are ready to wind L2. Take a piece of #22 wire 24" long, and start the winding two turns in from the start of L1. Wind 12 turns in the same direction. You will wind up with your toroid now having 2 wires on the outside and two on the inside of the toroid. The two outside wires should be on the same end.

The last part of the toroid winding is to take a piece of #22 wire 12" long, and start winding 5 turns in from the end of L1. You will wind 6 turns. When you finish, you will have 3 wires on the outside of the toroid, and 3 on the inside. Follow the instructions to connect the wires of L1, L2 & L3.

Note that the instructions have a wiring diagram that has an error. The wire shown from SW1 to R3 is wrong. It should go from SW1 to the junction of R1/R2 just as shown on the schematic.

The instructions also reference Fig. 3, 4 & 5 which are not there. (I was under the gun to get the manual done for Dayton, and forgot to eliminate those references when I decided not to use the drawings (they were too confusing)).

Hope this helps. Also, the rest of the BLT orders will ship as soon as the post office delivers the Lexan covers from Oklahoma. They were shipped a week ago Wednesday, and still have not arrived!! Enjoy the tuner kits. If you have questions please ask. 72, Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 26 May 2000 10:45:55 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <mcintos@basf-corp.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71121] Re: Cry of Help for the Mobile Antenna
Message-ID: <004901bfc729\$7dc7dce0\$05987b7b@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would a mag mount work?

Might be worth a try. If there is enough real steel in the car, especially the roof, putting it up there will make it perform much, much better than anything mounted down low in the bumper area.

The big mag mounts having 4 large pads will hold real well, again assuming that there is steel in the car. I used one to hold a Hustler with the large resonator for 40. Worked well except for the last car which apparently had more alloy than steel.

Another idea. I built a bracket which screwed down into the inside of the trunk groove - on the side. This put the antenna base about level with the bottom of the rear window. It was off to the side (on the fender) so I could open the trunk without difficulty. A quick disconnect allowed quick removal. If you are interested, I can give you more details of the bracket.

My personal opinion; you will be disappointed with the overall performance results mounted down by the bumper.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Stanley A McIntosh <mcintos@basf-corp.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, May 26, 2000 7:31 AM
Subject: Cry of Help for the Mobile Antenna

> I purchased a 75 meter Hamstick and one of the new tag mounts with hopes
of
> being able to take the SW-80+ on the road. Little did I know that GM had
> outsmarted me (doesn't take much), as well as the tag mount. The tag on a
'95
> Lumina is attached to a flimsy piece of sheet metal that is only lightly
> anchored to the car frame. So, the mount isn't very secure. I wouldn't
want to
> trust it at 70 miles per hour with a long whip.
>
> Any other Lumina drivers out there with other solutions? If I can't mount
a
> Hamstick now, I certainly won't try a screwdriver or bugcatcher later.
>
> 72
> stan
> kd4bth
>
>

Date: Fri, 26 May 2000 08:56:51 -0700
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [71122] Re: OT- book-OPAMP stability
Message-ID: <392E9EC3.BA43C007@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

Just a short note to thank all of you who replied with so many practical
helpful suggestions and test methods to pin point causes
of motorboating.

Looks like I have several remedies to reduce motorboating
including but no limited to:

Make better layout, improved ps and mic bias decoupling, run headphones
in series to decrease peak currents, and use fresh good quality 9v
batteries and more as I study mailnotes.

THANK YOU for help and 73 from W6MIK.

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Fri, 26 May 2000 12:36:06 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [71123] SMK-1 Capacitor Switch
Message-ID: <dd.4da4639.266001f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am one of the lucky guys who received one of the 24 SMK-1 kits that had 470 Ohm resistors instead of the thirteen .1 uf bypass capacitors. I didn't discover this until after I had finished building the kit and powered it up for tests.

Obviously, I had multiple problems. Transmitter keyed all the time was the first one. No power out. No Sidetone. No receive. Etc.

After troubleshooting the problems, I discovered that all of the bypass capacitors were resistors (470 Ohms) instead of .1 uf capacitors.

I had used two soldering irons, one on each end of "C"-28 and "C"-22 (no power out, remember, even though keyed) to remove them. No problem.

A quick email to Doug Hendricks, and the next day I had the new .1 caps. This morning I removed all eleven of the rest of them with no problem, using the two soldering iron trick. Then, I used solder wicking braid to clean almost all of the solder off of one of the two pads for each of the thirteen bypass caps. Installing them all, even with all the other parts on the board, was no problem at all. After all, if you can get two soldering irons in there at one time, one is easy.

Bottom line:

Doug and the NorCal gang have done a wonderful job with this little kit and I have learned some valuable surface mounted part building and repairing skills which were what I was looking for when I bought this kit in the first place. As I told Doug, even if it never worked, I have gotten more than my money's worth from it.

But, thanks to the quick response from Doug, all the caps are in, the rig is sitting on my bench at the moment, working perfectly. I am looking forward to some QSOs with it this evening.

My hat is off to Doug and the crew. So if you happen to be one of the other few who got resistors instead of .1 caps, don't worry. It is easily fixed, no harm came to the radio, and you will learn in the process. Which, if you think about it, was the whole purpose of this kit.

72

Wayne NB6M

Date: Fri, 26 May 2000 12:41:27 -0400
From: "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [71124] HB:TOROID WINDER
Message-ID: <010001bfc731\$3d32af40\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To those that are toroidially challended, here is the cure :-)

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=337122670>

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Fri, 26 May 2000 08:50:58 -0700
From: Paul Erickson <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Dave Barrett
<DBarrett@creo.com>
Subject: [71125] Looking for powersupply module from Motorola Intensified TV
camera
Message-ID: <392E9D62.B404A216@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I am looking for the small power supply module from a scrapped Motorola Intensified TV camera.

It is in a metal can 2" x 3 " by 1" thick. Looks like a little sardine can,
with the lid soldered shut.
10V in will give 15KV out, adjustable over a pretty good range by lowering
the input voltage.
Output current is very low.

The part # is 1-30092A01 and apparently they can be found at hamfests, either alone, or in junk cameras. It was used to power the intensifier tube, and a 10KV module was also made.

Any assistance in locating one of these will be greatly appreciated.

--

cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Fri, 26 May 2000 12:53:01 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [71126] RE: Wanted to buy: Vibroplex
Message-ID: <000101bfc732\$daba5500\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Keep your eyes open. There are MANY Vibroplex keys out there, and many are very reasonably priced. Just be patient. For example, I just gave one to AA1SB, and he's having a ball with it. When I found it, it was falling apart and the base had a rotten yellow-green paint job that was very amateur-ish (with a small "a"). I stripped it down, cleaned all the parts, primed the base, painted it black crackle (available in spray cans at automotive parts stores), and re-assembled it. It now looks great, works FB, and cost less than \$15.

Now, my Model 12 is another story, as are my Mac keys.

Have a good Memorial Day, and say a prayer for those poor souls who fell in battle, and their families.

GL es vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

Date: Fri, 26 May 2000 20:10:36 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: ki6ds@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71127] Re: BLT Tuner: Winding the Big Toroid
Message-ID: <392EB00C.30EF@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Doug Hendricks wrote:

> There seems to be some confusion on how to wind the large toroid in the BLT
> Tuner from NorCal. (Yes it is still available). Ok, here we go.

> sense until you have a total of 16 turns. You will note that one end of the
> wire is on the outside of the toroid, and the other end is on the inside.

Doug and other BLT kit builders,

You know I've also ordered a BLT kit, so I follow the current discussion with special interest.

I'm confused about what you mean by having one end of the wire on the inside and the other end on the outside of the toroid.

When the wire goes through the hole, it first comes out on the inside, and when you then pull it outwards, it's on the outside, which makes no difference for the inductance. So why do you actually make a point of it?

Are you referring to how to dress (is that the right word) the wire before installing it into the case?

Otherwise your explanation is very lucid, I think. Three windings (16, 12 and 6 turns) centered on the same point of the circumference of the core. The one with the most turns has a tap in the center.

Thanks for all the effort you put into the NorCal club.

73,

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Fri, 26 May 2000 13:32:29 -0400
From: "Dick Witzke" <ke8kl@tucker-usa.com>
To: <qrp-1@lehigh.edu>
Subject: [71128] Iambic key F.S.
Message-ID: <001401bfc738\$5e5ccfa0\$1f6219d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Bencher Iambic key for sale. It has the black base and is in excellent condition. I am asking \$50 plus shipping.

73,
Dick Witzke, KE8KL

Date: Fri, 26 May 2000 13:38:12 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: KLQRP@vramp.net
Cc: qrp-1@lehigh.edu
Subject: [71129] KF4AR SMiTe Fox Sunday night
Message-ID: <v0310280cb5543bfb3934@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll be the SMiTe Fox this Sunday night, May 28, using the transmitter portion of my SMiTe. Due to bad BCI on the SMiTe at my QTH, I'll have to use another receiver.

For a little something different, I'll mix technology eras. My hand key that I'll be using is a WW2 era J-38. The receiver will be a 1941 model Hallicrafters SX-28 Super Skyrider, an 85 lb behemoth that was cutting edge technology in it's day. For a nearly 60 year old receiver, it is still an excellent performer with a great crystal filter.

Here is a photo of the SX-28 that belongs to WA2WHV if you're curious about the Super Skyrider.

<http://www.qsl.net/wa2whv/ham/mysx28-1.jpg>

Look for me at 9:30PM EDT Sunday evening (0130 UTC, Monday morning 5/29) around 3.6864 +/- calling "CQ FOX". I'll be on as long as there are folks to work.

Tally Ho and 72,

Rick kf4ar
Charlotte, NC

Date: Fri, 26 May 2000 10:50:55 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <Rremmel@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71130] Re: Portable power supply for DSW?
Message-ID: <00b601bfc73a\$f6295e00\$24c1480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI Raymond,

Regarding your request for solar module suggestions, I'm sending you (separate e-mail) a jpeg that shows what I use, but let me describe it for the benefit of others who may be interested. It's home brew, weighs about 10 oz., opens to 6x12 inches but folds in half to form a 6x6x1/2 inch package. It puts out an unregulated 21 - 22 V and should have a maximum power output somewhere between 1 and 1.5 W although I've never measured it.

It's made from two 6x6 PV laminates that I got from All Electronics (1-800-826-5432, catalog # SPL-960) a few years ago for about \$10. You have to connect wiring (requires a little scraping and soldering... they give you some brass clips and instructions to make the connection to the laminate) and provide some sort of backing (I used cardboard and packaging tape for simplicity, light weight and low cost). There are other similar laminates available from a variety of sources.

That 1.2 A-hr gel cell in the jpeg has been in use for over 5 years now and still seems to hold a good charge. I've never used any type of charge controller with it. When you connect it to a battery the "system" voltage drops to very near the battery voltage and it's perfectly safe to run your rig while it's connected. When I'm backpacking I try to estimate the power

drained from my battery and charge appropriately. It is possible to overcharge a small battery with a module like this so you have to be conservative or monitor the voltage and stop charging when you reach something like 14.5 - 15 V (varies depending on type of battery). I don't pack a Volt meter and so far I have neither depleted nor overcharged my battery. In other circumstances (car camping, etc.) I do use a meter to monitor voltage.

You'll need quite a bit more than 13 V to charge your battery. I'd recommend a minimum module output of around 16 V, more if you are going to use an automatic charge controller (not necessary if you pay attention). Most good "12 V" solar modules these days put out something like 17.5 V. You have to overcome the internal resistance of the battery, the wires, a diode if you use one (not necessary, you probably want to put the solar module away at night anyway), etc. Also, module output will drop as it gets hot out in the sun. I think most modules are rated at 20 C or 70 F and they will get much hotter on a bright summer day.

All this applies to small "camping-type" systems, not necessarily to larger systems or to systems you want to "set and forget." Also, try to keep your module to battery ratio reasonable. My system is a little "overpowered." Something like 2 A-hr of battery per Watt of solar module is a little more reasonable.

As a side note, there was a thread on here recently on uses for surplus CD-ROMs. Someone (in jest I think) suggested using them as tracking mirrors to increase solar module output. Actually, on a system of this size that might not be a bad idea. They are shiny, very light, strong, cheap and about the right size to go with a 6x6 inch package. I'm going to play around with the idea and run some tests on module output. I should have done that for these modules anyway. Now I have more of a reason.

If you are looking for something "store-bought" and a little larger, but still rugged enough for camping, check out the Solarex Mega-Lite series. They come in a variety of sizes from 4 W and 11x11 in to 30 W and 20x24 in. Prices run between \$100 and \$250. I believe some of these were being sold in the ham mags recently as "Desert Storm Solar Panels." They are aluminum with EVA laminates, no glass. Weights run from 1.2 to 4.5 lbs.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: <Rremmel@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Friday, May 26, 2000 7:51 AM

Subject: Re: Portable power supply for DSW?

> In a message dated 5/26/00 9:37:40 AM Central Daylight Time,
> jc-smith@worldnet.att.net writes:
>
> > For extended backpacking
> > trips a small solar module keeps the voltage up indefinitely.
>
> I have been looking at solar modules, but can't make up my mind what to
get
> regarding price vs size vs watts, to provide >13V for charging.
> Any suggestions?
>
> Raymond
> AC5QV
>

Date: Fri, 26 May 2000 11:25:49 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [71131] QRP-L CD-ROM version 3 now available
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EC49@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Folks --

I am now set up to distribute the latest QRP-L archive CD-ROM.

This is a 'must-have' resource. It contains an archive of ALL that has transpired on QRP-L from the early days up to April 2000. WB8RCR has massaged this mass of information into easily accessible HTML format, so it is easy to read. In addition, there are loads of extras such as a WinSpice program with models, the world famous QSL Maker program, tons of pictures of interest to QRPers, NEC2 antenna modeling, RUFZ CW speed test, the Elmer 101 series, info on Pixies and Smites, and more.

I have your copy already made and ready to mail.

There are a several ways to get it.

1. The easiest way for everyone involved is to send a \$10 payment through PayPal. This gets your CD shipped out the same day with no further effort than a couple clicks with the mouse. You can even use a credit card

with the secure web server. Just click here:

<https://secure.paypal.com/refer/pal=mgipe%40reliablemeters.com>

2. If you don't have web access, you can mail a \$10.00 check to

Michael Gipe K1MG
12770 Lika Ct
Saratoga, CA 95070

3. The last way to get your CD is to send a blank, new and unused CD-R disk in a protective CD sleeve along with a self-addressed return CD mailer with protective sleeve to me at the same address. Please put the correct return postage on the return mailer. Since mailers are different weights, you will need to weigh yours and check with your post office to be sure that you have the correct return postage for the completed package.

Method 1 is the fastest and most convenient. If there are any funds left over after purchasing the CDs, postage, and mailers, they will be applied to a worthy QRP cause, such as funding a building contest prize at an upcoming QRP funfest.

Mike Gipe K1MG

PayPal account: mgipe@reliablemeters.com

Saratoga, CA USA

Date: Fri, 26 May 2000 14:39:05 -0400
From: "Christopher Cox" <cobox@urec.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71132] Re: [OT] Ultimate Ham Radio costs \$14,500
Message-ID: <200005261435296.SM00236@CBX-NT>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Richard E. Robinson <rerobins@email.uncc.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: [OT] Ultimate Ham Radio costs \$14,500
> Date: Friday, May 26, 2000 9:26 AM
>

I find it hard to believe the terms MilSpec and Win98 can be used inclusively.

Date: Fri, 26 May 2000 12:49:23 -0600
From: zmola@campbellsci.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71133] Re: Century 21 Vernier (and how-to)
Message-ID: <200005261258.MAA19820@demeter.campbellsci.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Monty,

Excelent description, tnx for putting it up.

From: "Maddog 'n' Miracles" <maddog@io.com>
> I wonder how many TenTec Century 21's are relegated to the storage locker
> simply because the vernier slips? I've resurrected mine after a couple of
> years of putting up with it, by getting the manufacturer's re-build kit.
> They want \$20 for the kit, and \$100 to put it in. I decided to
> do-it-myself, and created a web page to 'splain the process. If you're a
> C21 owner, check it out:
>
> <http://www.io.com/~maddog/hamradio/>
>

Carl
zmola@campbellsci.com

Date: Fri, 26 May 2000 14:22:33 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [71134] List administrator
Message-ID: <0974781F4FC8D211A24600902727E806011B2186@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I really hate to do this this way, please forgive me.

I have to make a quick trip out of state RIGHT NOW, and I don't have time to look up the paperwork that tells me how to put this thing on hold. I am going to be gone for three weeks. So pretty please can you do it for me?

I'll owe you.

Hal

Date: Fri, 26 May 2000 15:39:03 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Cc: klqrp@waterw.com
Subject: [71135] KF4AR SMiTe Fox Sunday night
Message-ID: <v0310280eb554827bd083@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll be the SMiTe Fox this Sunday night, May 28, using the transmitter portion of my SMiTe. Due to bad BCI on the SMiTe at my QTH, I'll have to use another receiver.

For a little something different, I'll mix technology eras. My hand key that I'll be using is a WW2 era J-38. The receiver will be a 1941 model Hallicrafters SX-28 Super Skyrider, an 85 lb behemoth that was cutting edge technology in it's day. For a nearly 60 year old receiver, it is still an excellent performer with a great crystal filter.

Here is a photo of the SX-28 that belongs to WA2WHV if you're curious about the Super Skyrider.

<http://www.qsl.net/wa2whv/ham/mysx28-1.jpg>

Look for me at 9:30PM EDT Sunday evening (0130 UTC, Monday morning 5/29) around 3.6864 +/- calling "CQ FOX". I'll be on as long as there are folks to work.

Tally Ho hunters and 72,

Rick kf4ar
Charlotte, NC

Date: Fri, 26 May 2000 13:18:45 -0700

From: "John Moriarity" <k6qq@hdo.net>
To: <w8diz@cinci.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71136] Re: HB:TOROID WINDER
Message-ID: <00af01bfc74f\$98b97ce0\$e1424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> To those that are toroidially challended, here is the cure :-)
>
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=337122670>
>

Frankly (having used one of these) unless you need to
wind a toroid with hundreds of turns, it's easier to
do it by hand!

72,

John, K6QQ

Date: Fri, 26 May 2000 13:43:53 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [71137] BLT Tuner Orders
Message-ID: <20000526204353.24391.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, I will be leaving on vacation on June 8th and will be gone until Aug. 1st. My itenerary includes planned stops in Socorro, NM, Ft. Smith, AR, Mountain View, AR, St. Louis, MO, Intercourse, PA, Princeton, NJ, Atlantic City, NJ, Long Island, NY, New Milford, CT, and visits to Maine, NH, Vermont, RI, & MA. We will be returning via Ft. Tuthill in late July.

If you would like a NorCal BLT Balanced Line Tuner, you will need to get your order to me before I leave on June 8th. I have plenty of parts and should be able to fill all orders by that time.

To order a NorCal BLT tuner, please send a check or money order made out to Doug Hendricks for \$29 [\$31 Europe, \$33 Pacific Rim] (\$25 tuner, \$4 shipping

US, \$6 Europe, \$8 Pacific rim) to:

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

Please mark the outside of the envelope "BLT Tuner". Also, please enclose a self addressed mailing label. The tuner includes all parts needed to make a Z-match balanced line tuner, and includes the pcboard case parts plus a Clear Lexan cover. The tuner also uses the N7VE LED SWR indicator and has an absorptive bridge. It is rated at about 10 Watts.

72, Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 26 May 2000 17:13:03 -0400
From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: qrp-1@Lehigh.EDU
Subject: [71138] Cry of Help for the Mobile Antenna, an Update
Message-ID: <852568EB.0073DA11.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sounds like the mag mount could be attractive as a way to attach a mobile mount antenna to a Chevy Lumina, and that may be the way to go. Here is another thought, however. If nothing else, a mag mount could keep me from driving too fast.

What about the use of the standard FM antenna mount hole? I'm in what could be a good or bad situation, in that the FM antenna broke off this week. So, I now have this pre-drilled hole in the body of the car, along with the still-intact mounting hardware. I'm not sure how this fender hardware will or can interface with that required to accept a Hamstick, but I am open to investigation. One consensus point is that grounding will take some serious thought. I'll have to work on that one a bit.

Any more thoughts on the issue, besides those that appeared already this week on the potentially off-topic topic of mobile antennas. My intention on this issue is, however, qrp.

72, and you can e-mail me at home this weekend at stanandlisam@cs.com or samcintosh@juno.com.

72's

stan
kd4bth

Date: Fri, 26 May 2000 17:20:13 EDT
From: K2UD@aol.com
To: af852@rgfn.epcc.edu
Cc: qrp-1@lehigh.edu
Subject: [71139] Re: MOJO?
Message-ID: <14.41d3493.2660448d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What about Mr. Mojo Risin? Spell that sideways and you will know who the artist is who sung it.

72

Howard Kraus, K2UD
(no mojo yet)

Date: Fri, 26 May 2000 17:35:16 -0400
From: "Chris / W4YYZ" <w4yyz@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71140] Re: MOJO?
Message-ID: <01f901bfc75a\$48b74e60\$ee195c18@xenu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

James Douglas Morrison?

> What about Mr. Mojo Risin? Spell that sideways and you will know who the
> artist is who sung it.
>
> 72
>
> Howard Kraus, K2UD

> (no mojo yet)
>

Date: Fri, 26 May 2000 17:48:08 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-1@lehigh.edu
Subject: [71141] Wanted: Copy/photostat of the Fall 1999 QRPP
Message-ID: <Pine.OSF.4.05.10005261743390.13079-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Due to postal black holes I was never able to receive a copy of the Fall 1999 QRPP issue.

Anyone willing to part with a spare issue they might have or run a photocopy of their issue for me?

I can trade you a photostat of perhaps any issue you have need of to fill a hole in the collection, or send appropriate funds.

tnx es 72

(BTW - I fully intend to buy a full 1999 Bound annual for a 'real' copy whenever it becomes available, so Legal Eagles need not send mail to me, thanks.)

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

Date: Fri, 26 May 2000 18:11:13 -0400
From: S LYON <sslyon@worldnet.att.net>
To: cjl@mitre.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71142] Portable power supply for (x)
Message-ID: <392EF681.D2039E0B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Whatever you use for power source, have a look at Embedded Research's Web page re the EPS-1. It provides 12v out with ANY source from 3 to 16v

input, so you really wring the last drop out of your source. My next trick is to try it with a solar panel. Should flatten out the output due to angle, clouds, etc., -if there's enough headroom current wise.

72

-s-

usual disclaimers

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Date: Fri, 26 May 2000 18:12:20 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [71143] CORRECTION OF "MOJO"
Message-ID: <20000526.181318.-174519.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

hIGH y'all:

first off, it is spelled "MEAUX JOE" AND IS A REFERENCE TO THE most famous Cajun Injun of them all.... GEE Ronnie Meaux.... able to whip his weight in Custard.... pie.

Those north of I10 (interstate ten) Think Meaux Joe is a reference to the Northern Lights. Mysterious, beautiful, powerful... allways a joy to see...

Kinda like QRP... looked upon as a joke in the qro circles, yet magical and powerful beyond belief to those who kneaux... for they have felt the Meaux Joe....

kella Joel

in maine

displaced cajun

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 26 May 2000 18:23:11 -0400
From: S LYON <sslyon@worldnet.att.net>
To: chat qrp <qrp-l@Lehigh.EDU>

Subject: [71144] GREAT DEAL ON SMALL LEAD-ACID CELL
Message-ID: <392EF94F.ED3B26B0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forgot to mention, I picked up two of the Panasonic LCRB064P cells for \$7+ bucks ea. at Home Depot. They're 6v, 4 Ah/20hr. I plan on bringing ONE, and use the Embedded Research EPS-1 power supply to crank out 12v for a whole weekend worth of operating with my DSW & SW-40+. More later
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Fri, 26 May 2000 18:29:19 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [71145] Re: QRP-L CD-ROM version 3 now available
Message-ID: <3.0.6.32.20000526182919.0079bc50@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:25 AM 5/26/00 -0700, you wrote:

>Folks --

>

>I am now set up to distribute the latest QRP-L archive CD-ROM.

>

>This is a 'must-have' resource. It contains an archive of ALL that has
>transpired on QRP-L from the early days up to April 2000. WB8RCR has
>massaged this mass of information into easily accessible HTML format, so it
>is easy to read.

Mike and everybody,

WB8RCR did an excellent job, not just trimming and converting all the e-mails to HTML, but also providing alphabetical index files with links to just about every word in the archive.

If you want even MORE searchability, however, skip on over to discovery.altavista.com - you can download for free a personal version of the AltaVista search engine. You can configure it to index any directories on any drives in your system, as well as favorite Web sites. It'll index HTML, text, Word documents, saved e-mail (it recognizes installed Outlook, Outlook Express, Netscape, and Eudora setups), and even Adobe PDF. You can do the same sort of

keyword combination searches that AltaVista performs.

It takes a while to index the directories (on my 486 DX4/100 it took 16 hours to index the HTML directory on the Ver. 3 QRP-L CD, but the machine was still usable during that time). But once it's done, it'll find things in seconds.

I have no financial interest in AltaVista, Digital Equipment, or Compaq, other than being a somewhat disappointed user of a Compaq computer.

Dave

End of QRP-L Digest 1833
